

REC'D CTMPC 04 JAN 2005

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 ; G10L19/14 H04Q7/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G10L H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, COMPENDEX, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01 03391 A (GRAF LESLIE ; HOLLIS MARK (AU); GROVES CHRISTIAN (AU); NOGUERA RODR) 11 January 2001 (2001-01-11) ---	
A	EP 0 492 459 A (SIP) 1 July 1992 (1992-07-01) ---	
A	WO 01 78430 A (NOKIA NETWORKS OY ; KEKKI SAMI (FI)) 18 October 2001 (2001-10-18) ---	
A	WO 02 03601 A (ROTOLA PUKKILA JANI ; MIKKOLA HANNU (FI); NOKIA CORP (FI); VAINIO J) 10 January 2002 (2002-01-10) ---	
X, P	US 2003/012137 A1 (ABDELILAH YOUSSEF ET AL) 16 January 2003 (2003-01-16) page 4, paragraph 35 ---	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

21 October 2003

Date of mailing of the international search report

29/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Köster, S

Best Available Copy

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0103391	A 11-01-2001	WO AU	0103391 A1 5663100 A	11-01-2001 22-01-2001
EP 0492459	A 01-07-1992	IT AT CA DE DE DE EP ES GR GR JP JP US US	1241358 B 153470 T 2057384 A1 69126195 D1 69126195 T2 492459 T1 0492459 A2 2038106 T1 93300034 T1 3024475 T3 2832871 B2 7028495 A 5469527 A 5353373 A	10-01-1994 15-06-1997 21-06-1992 26-06-1997 06-11-1997 09-06-1993 01-07-1992 16-07-1993 07-06-1993 28-11-1997 09-12-1998 31-01-1995 21-11-1995 04-10-1994
WO 0178430	A 18-10-2001	WO AU EP	0178430 A1 4400000 A 1275261 A1	18-10-2001 23-10-2001 15-01-2003
WO 0203601	A 10-01-2002	FI AU EP WO	20001577 A 6760201 A 1299970 A1 0203601 A1	31-12-2001 14-01-2002 09-04-2003 10-01-2002
US 2003012137	A1 16-01-2003	NONE		